

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

Form Bi-689

FIELD DIARY

Mr. E. A. Goldman

(Official title.)

Period, June 27 to July 10, 1924

Montana
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June 27, Mammoth Camp,
Yell Nat. Park Wyo.

Left Hell Roaring Ranger Station
about 8 A.M. and arrived here
5 P.M.

Route was up ridge and
across high area near head of
Crescent Crk. near Sunset
Peak and then down and
across Bear Creek at Gardiner,
then on down to Gardiner
where we were met by
Chief Ranger Woodring of
the Park and brought here
by auto.

Forage. Excellent on lower
slopes east of Hell Roaring,
but had not started much
at high elevations where snow
was melting. Area occupied
by sheep apparently fairly

June 27. con.

completely utilized, but not
~~too~~ much if any overgrazed.
Sheep grazing shows up
along creeks where willows
are defoliated up as high
as a sheep can reach.

June 28, Twinington, Mont.

Left Mammoth Camp early
in morning and were taken
by a Park Ranger by auto
to Clearview Springs where
saddle horses had been
secured and we rode ^{the} ~~up~~ ^{and north}
upper parts of Bassett
~~to~~ ^{the} Eagle and Slip and Slide
Creek. In evening took train
to Twinington.

Forage, Much better
than I had expected on

June 28

this part of winter range.
There was nowhere any
signs of very intense
utilization of forage by elk.

June 29, Livingston
Remained at Livingston

June 30, Missoula,
Worked on routine matters
in morning. Left Livingston
for Missoula with Glen A.
Smith at 2.50 PM; arrived
Missoula 10.38 PM.

July 1, Missoula, Mont.
Met Mr. C. H. Jakways and
Mr. Marlone, Chairman
of Game Commission and
made a trip in Jakways
car to Bison Range.

July 1, con.
returning to Missoula late
in evening.

July 2, Missoula.
Made a trip by auto with
Mr. Jankows and Mr.
Mushbach to Brown Range
and spent the day riding
over range and in
negotiations with Mr.
Jankows in re moving
elk.

July 3, Missoula.
Completed negotiations
with Mr. Jankows and
Mr. Marlowe. Resumed
work on report.

July 4, Missoula, Mont.
Spent most of day
working on report.

July 5 - 6, Missoula
Remained at Missoula
and finished joint report.

July 6, Left Missoula
7.55 a.m. for Washington.

July 7 - 9 En
route Washington, D.C.

July 10, arrived
Washington, D.C. 9 a.m.

PENALTY FOR PRIVATE USE
TO AVOID PAYMENT OF
POSTAGE, \$300.

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY.

WASHINGTON.

OFFICIAL BUSINESS.

U. S. Department of Agriculture,

Washington, D. C.

A-4043

Bureau of Biological Survey.

Levy Roll,

1-4 - Credit on trail,

5 - Winter range of elk up
Bartlett bk. June 28 - showing
same ridge used and N. trending
slope of ^{camp} ridge valley.

beavers - about 730 head on
Absaroka Park - 8 permittees.

sheep - about 16 000 head
on upper part of Boulder
divide - ~~8~~ About 8 permittees -
9 bands of sheeps

- 1 - All on Gallatin ~~large~~ river and
by closing passes.
- 2 - attracted by snowing on winter
Range.
- 3 - Area of winter preferred range
to be determined on Gallatin.
- 4 - shifting hunting areas.
- 5 - also at a

Jard Smith list of
Pills, available for
General District.

Kennedy Bros, Arms Co.
Saint Paul, Minn.

Shutty Pole & seal
manufactured by American Display
Co., Dayton, Ohio, \$2.75 ✓

Tell - Bison Range
Range estimate of cost of
4 miles of fence to make
lane to easy get out to Buffalo
corral - \$6400. M. J. J. J. J.
thinks that might pay 5% and
and will put the water up to
the beam at next meeting in
about 10 days. Personally he would
rather spend \$5000 than have any
flood,

Marlowe - Edna	} Com.
Wilson - Livingston	
Terpstra - Billings	
Kelly - Anacostia	
Richard - Chinook	

Wearn Rowe.

Montague, Mont. on
Missouri Riv. below Ft.
Benton 10 mi. E. on river
of Gen Smith says he
could explain some
go. & antelope.

Celp. ticks, from letter
from R. - animal I have
~~to S. later~~ Gaster to.
Det. Gaster dated Aug. 23 1923,
G - Gaster & Gaster - Abasco -
(Celp Ticks). Two species as follows:
Dermacentor albipictus, larvae and
nymphs molt on host.
Amblyomma americanum, drop to
ground where they molt
attaching to host after molt.